

FIG. 1a

FIG. 1b

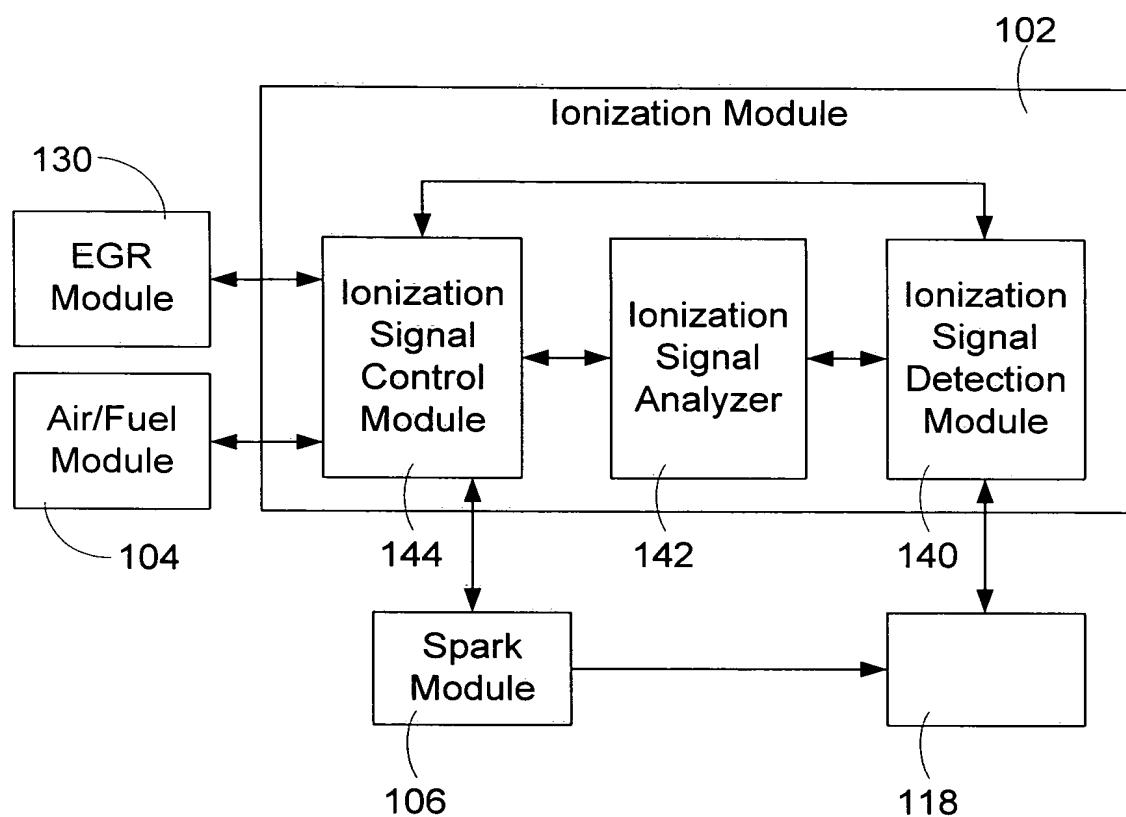


FIG. 2

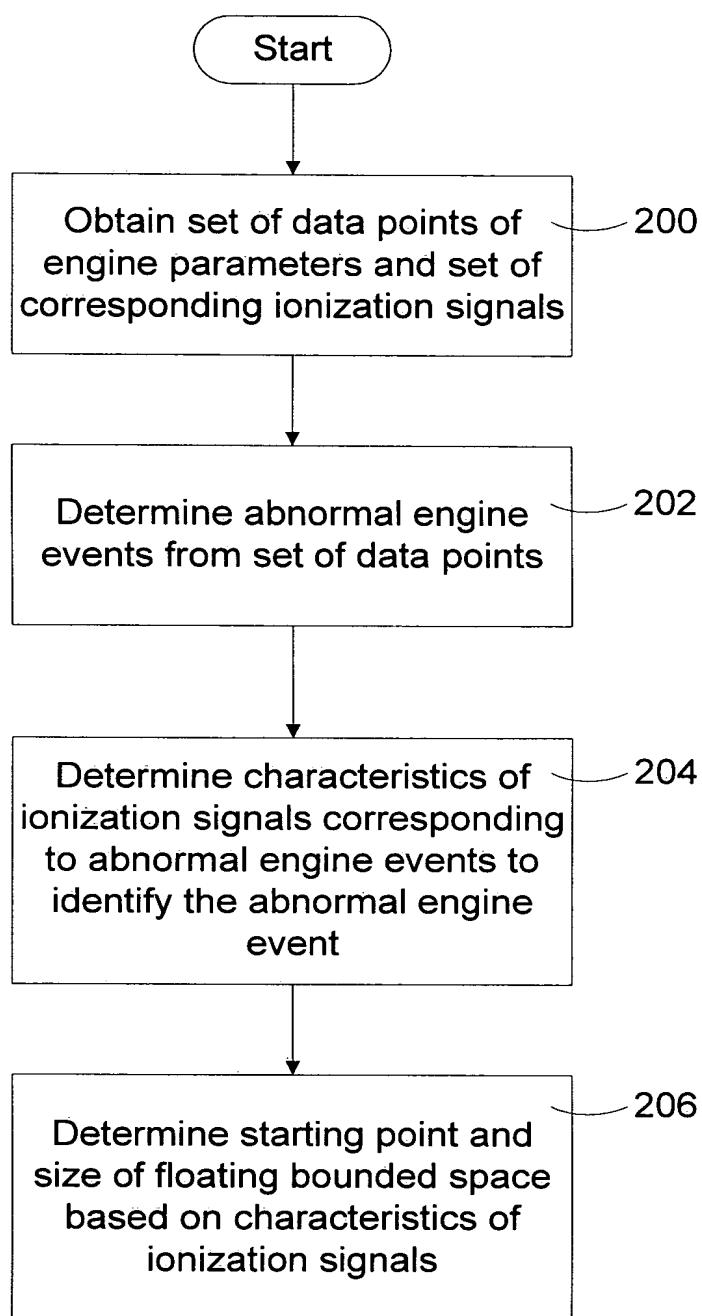


FIG. 3a

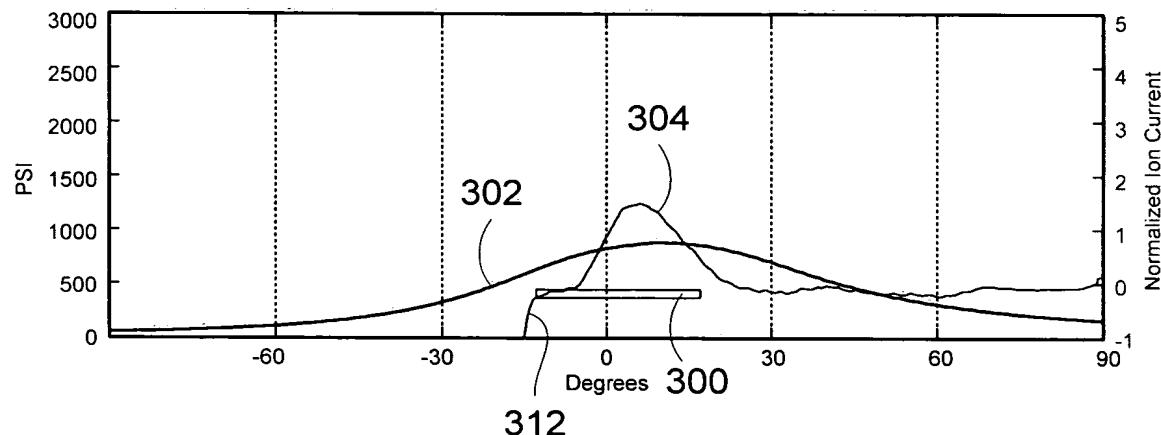


FIG. 3b

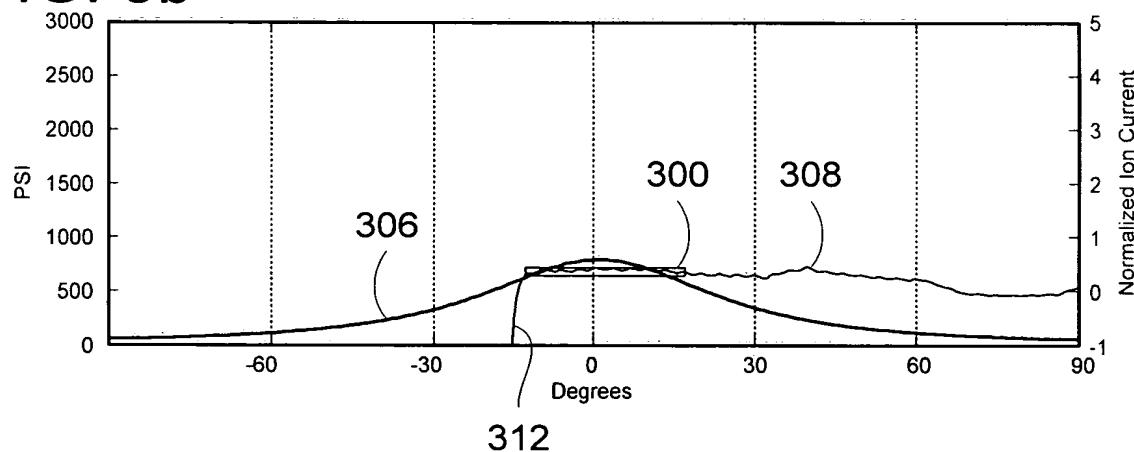


FIG. 3c

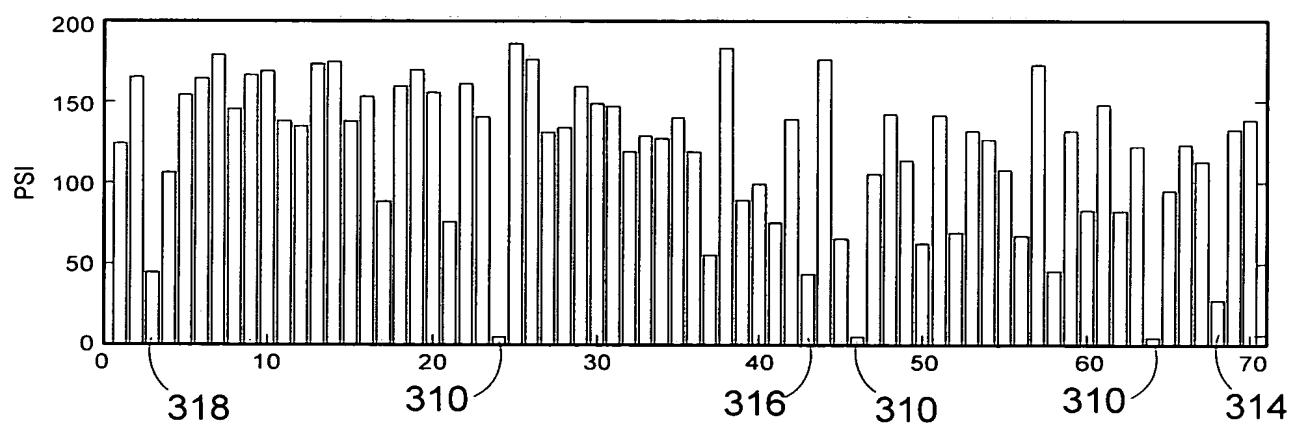


FIG. 4a

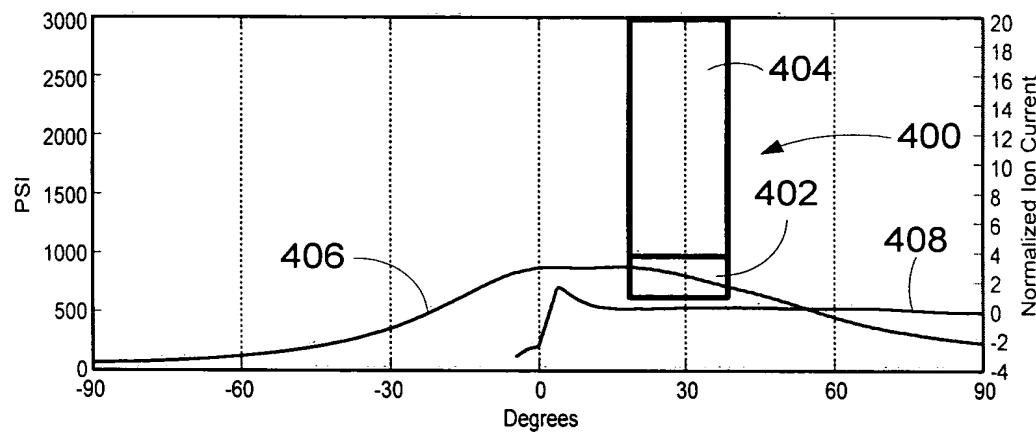


FIG. 4b

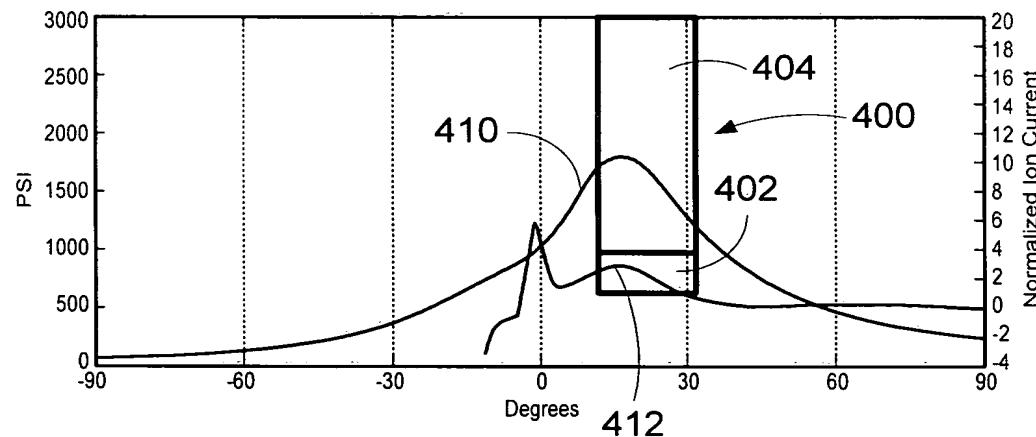


FIG. 4c

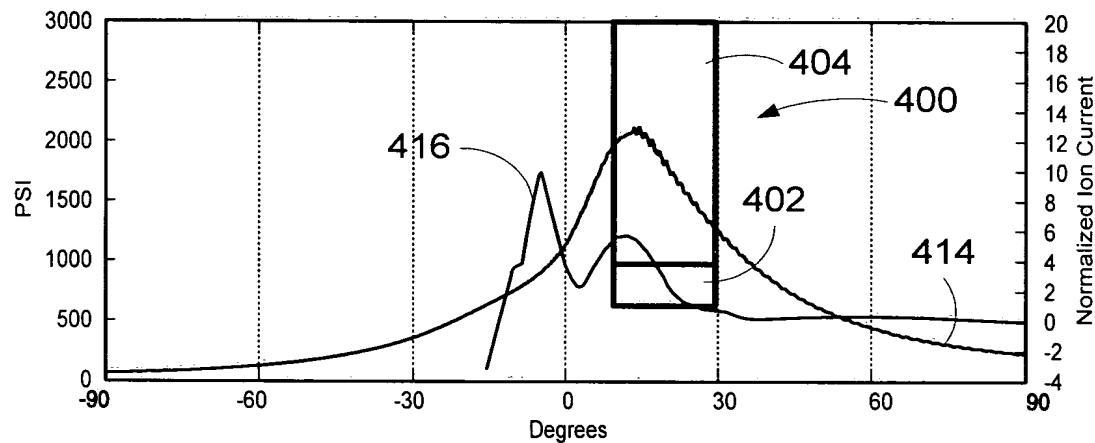


FIG. 4d

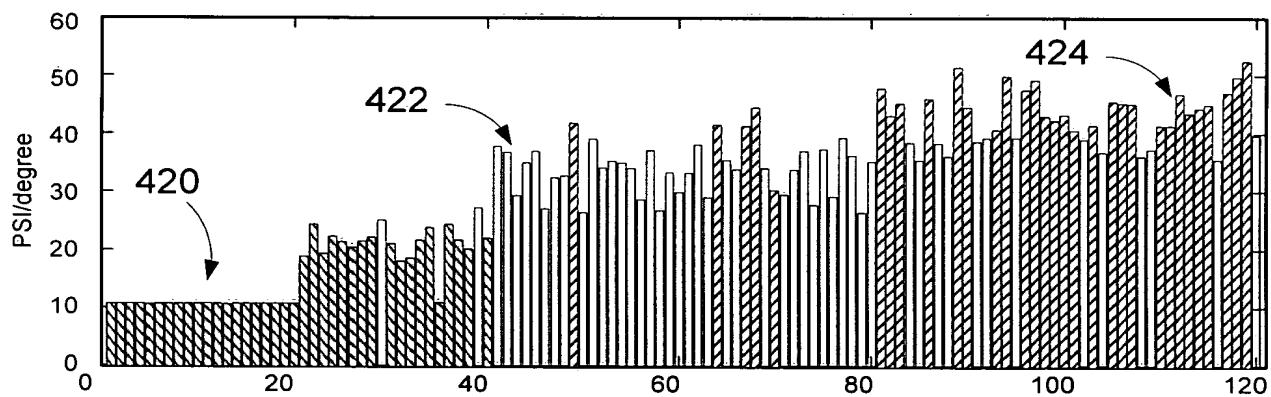


FIG. 5a

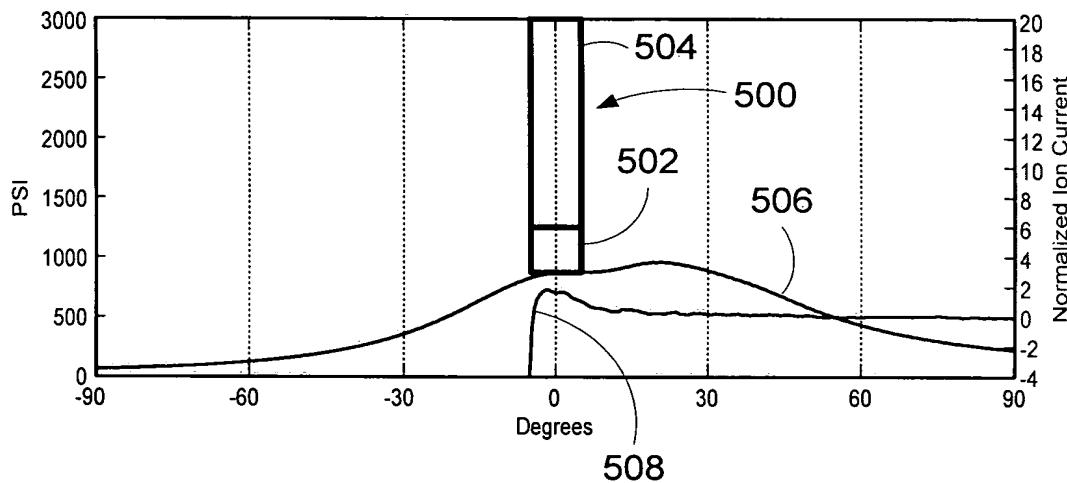


FIG. 5b

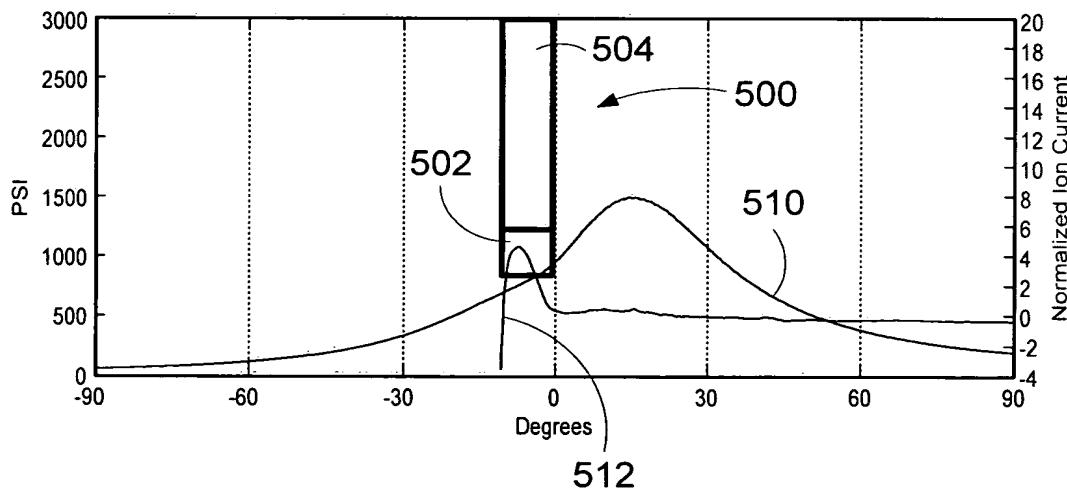


FIG. 5c

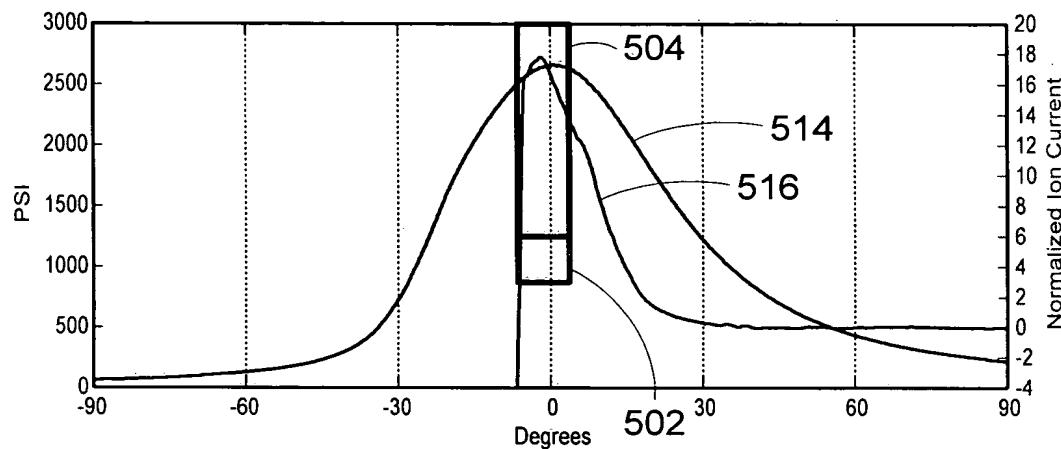


FIG. 5d

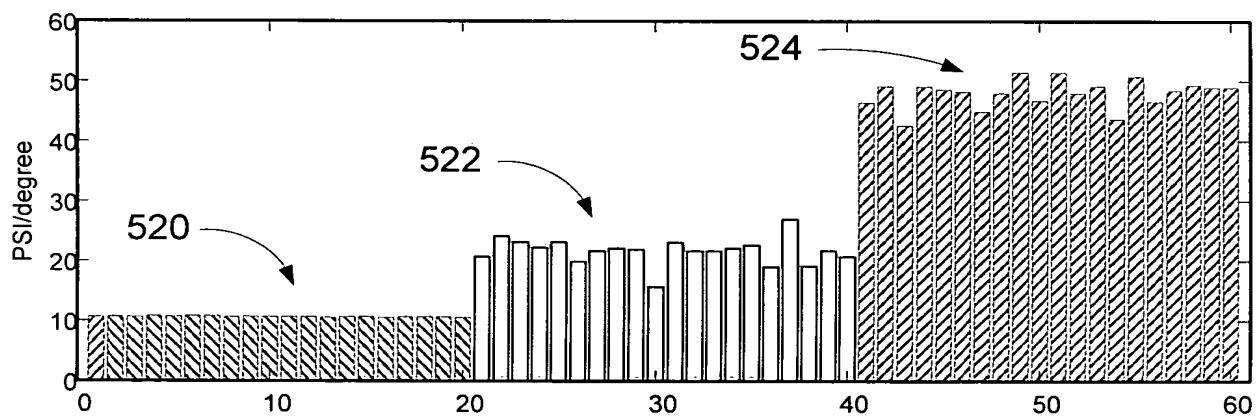
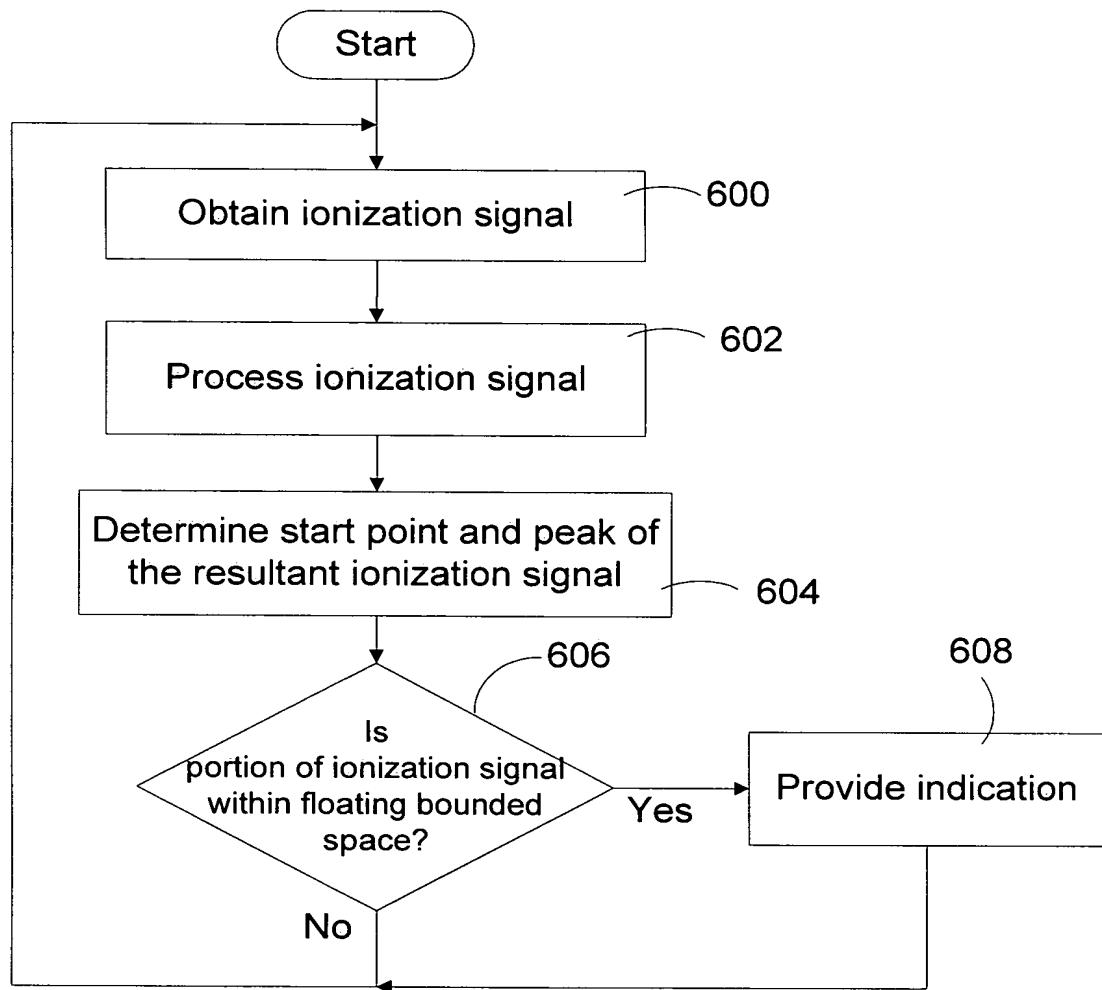
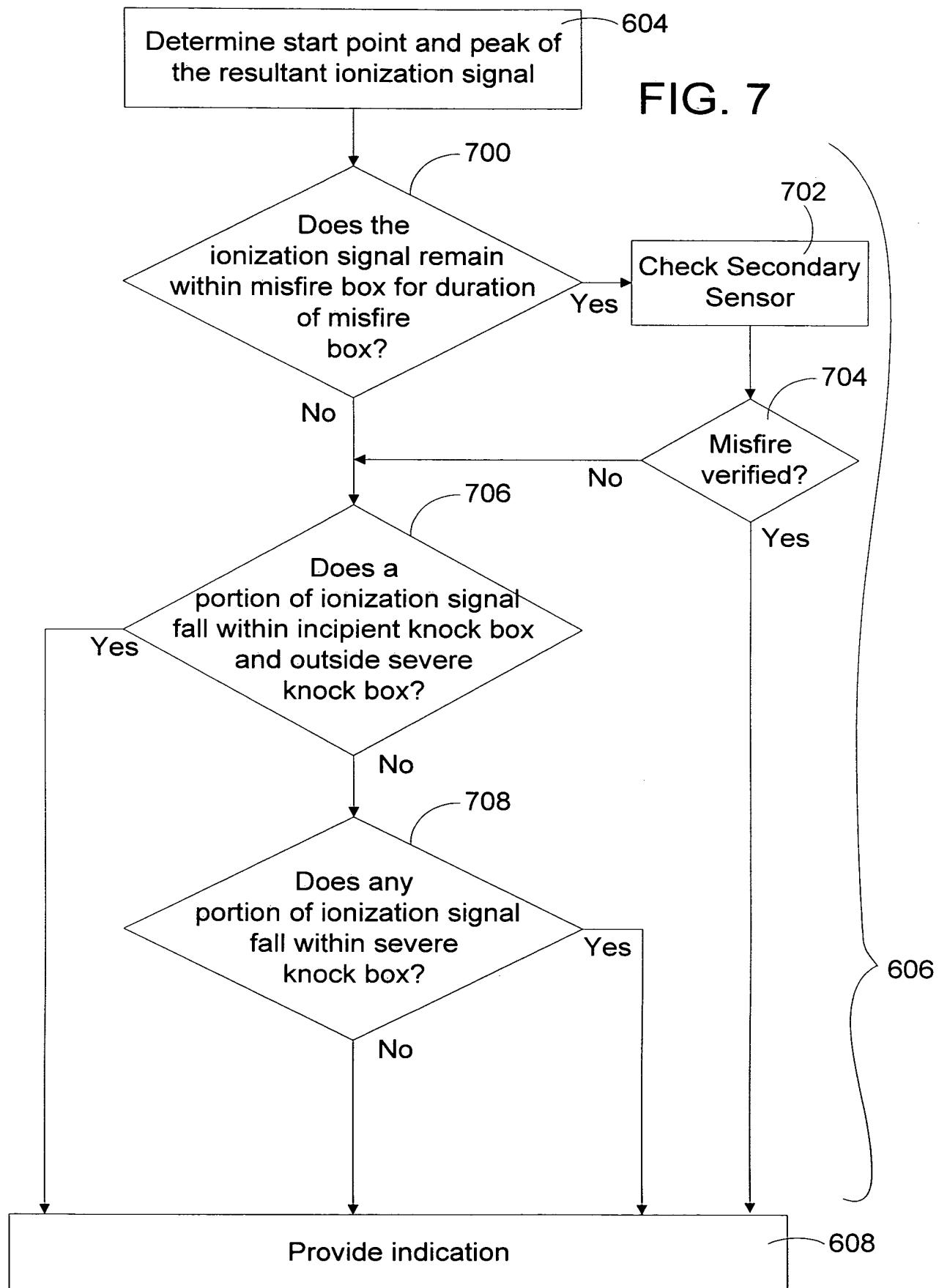


FIG. 6





METHOD AND APPARATUS FOR DETECTING ABNORMAL COMBUSTION CONDITIONS IN RECIPROCATING ENGINES

HAVING HIGH EXHAUST GAS RECIRCULATION

Matthew Viele et al

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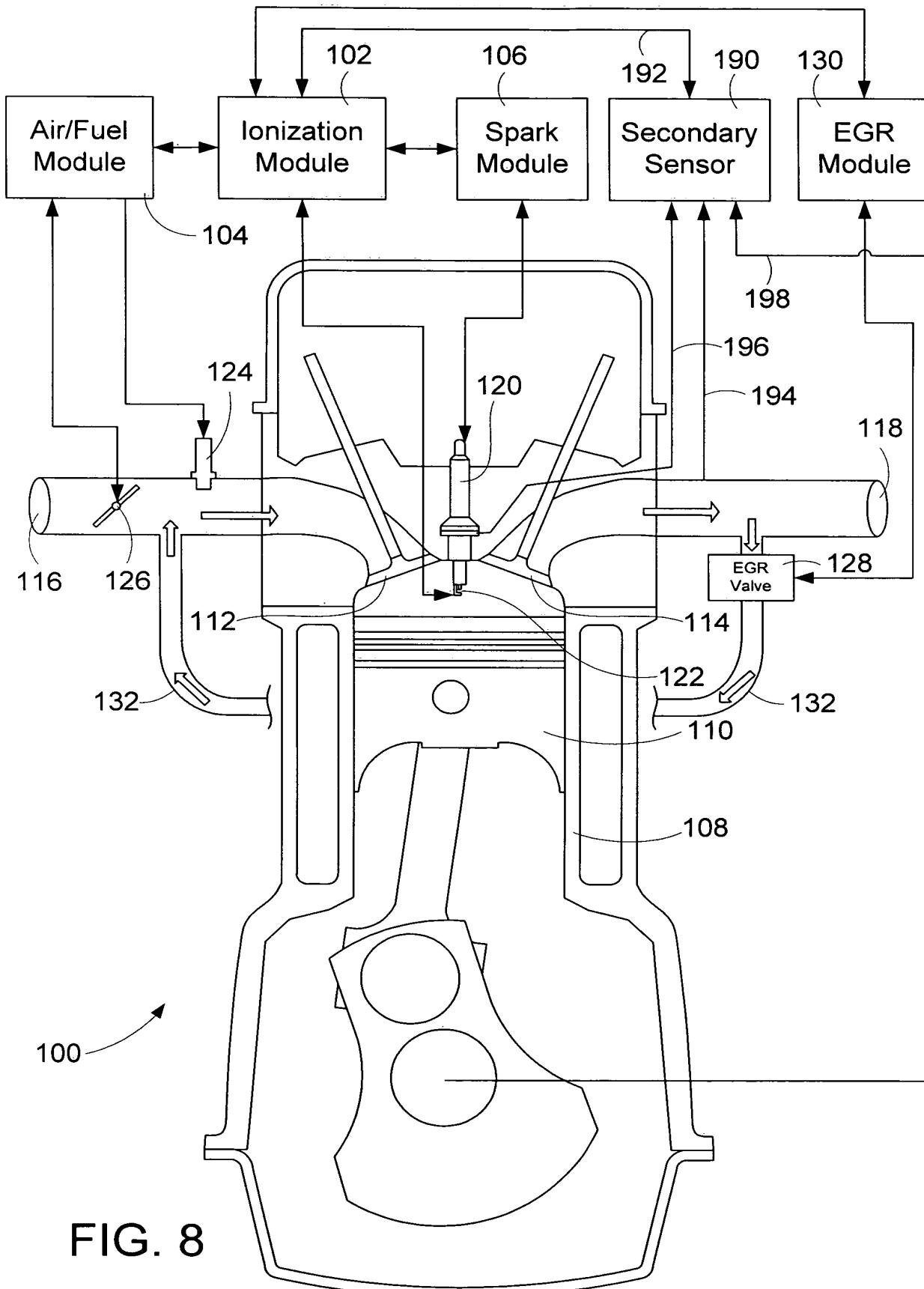


FIG. 8